

Human HAC3

ABSTRACT OF THE DISCLOSURE

The invention provides isolated nucleic acid and amino acid sequences of hHAC3, antibodies to hHAC3, methods of detecting hHAC3, and methods of screening
5 for modulators hyperpolarization-activated cation channels using biologically active hHAC3. The invention further provides, in a computer system, a method of screening for mutations of human HAC3 genes as well as a method for identifying a three-dimensional structure of human HAC3 polypeptides.

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